



## DIGITAL STRAIN SENSOR

High accuracy axle load sensor **eurosens® DSS** is mounted on the vehicle axle and measures its microstrains using a strain gauge. The built-in microcontroller determines the axle load in kilograms and transmits the data via interface CAN J1939.

### SPECIFICATION:

Power supply, V	9 - 36
Max current consumption, mA	50 (at 12 V)
Output data protocol	CAN SAE J1939
Ambient operating temperature	-40 - +85 °C
Measurement error	±2%
Ingress protection rating	IP 67

### KEY FEATURES:

- ✓ High accuracy of measurement.
- ✓ Improved installation reliability due to absence of moving parts.
- ✓ 1 sensor can support up to 3 calibration tables.
- ✓ Built-in temperature sensing element provides thermal correction of sensor readings.
- ✓ Suitable for leaf springs of any state and properties.